

Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the [Soil Survey Manual](#) and many of the technical terms used in the description are defined in [Soil Taxonomy](#).

Counties with Published Soil Surveys

Technical soil descriptions are located in the county soil survey descriptive legend.

Counties without Published Soil Surveys

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

This section includes:

- (a) **Classification of the soils**

Classification of the Soils

Soil name	Family or higher taxonomic class
Adco-----	Fine, smectitic, mesic Vertic Albaqualfs
Arisburg-----	Fine, smectitic, mesic Aquertic Argiudolls
Armstrong-----	Fine, smectitic, mesic Aquertic Hapludalfs
Auxvasse-----	Fine, smectitic, mesic Aeric Albaqualfs
Bardley-----	Very fine, mixed, active, mesic Typic Hapludalfs
Blake-----	Fine-silty, mixed, superactive, calcareous, mesic Aquic Udifluvents
Bonnefemme-----	Fine, smectitic, mesic Typic Hapludalfs
Cedargap-----	Loamy-skeletal, mixed, superactive, mesic Cumulic Hapludolls
Clinkenbeard-----	Clayey-skeletal, mixed, superactive, mesic Typic Argiudolls
Dameron-----	Fine-loamy, mixed, superactive, mesic Cumulic Hapludolls
Darwin-----	Fine, smectitic, mesic Fluvaquentic Vertic Endoaquolls
Freeburg-----	Fine-silty, mixed, superactive, mesic Aquic Hapludalfs
Gasconade-----	Clayey-skeletal, mixed, superactive, mesic Lithic Hapludolls
Harvester-----	Fine-silty, mixed, superactive, nonacid, mesic Oxyaquic Udothents
Hatton-----	Fine, smectitic, mesic Oxyaquic Vertic Hapludalfs
Haymond-----	Coarse-silty, mixed, superactive, mesic Dystric Fluventic Eutrudepts
Haynie-----	Coarse-silty, mixed, superactive, calcareous, mesic Mollie Udifluvents
Jemerson-----	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Keswick-----	Fine, smectitic, mesic Aquertic Chromic Hapludalfs
Lenzburg-----	Fine-loamy, mixed, active, calcareous, mesic Haplic Udarents
Leonard-----	Fine, smectitic, mesic Vertic Epiqualfs
Leta-----	Clayey over loamy, smectitic, mesic Fluvaquentic Hapludolls
Marion-----	Fine, smectitic, mesic Aquertic Chromic Hapludalfs
Menfro-----	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Mexico-----	Fine, smectitic, mesic Aeric Vertic Epiqualfs
Moniteau-----	Fine-silty, mixed, superactive, mesic Typic Endoaqualfs
Perche-----	Coarse-loamy, mixed, superactive, nonacid, mesic Aquic Udifluvents
Putnam-----	Fine, smectitic, mesic Vertic Albaqualfs
Rocheport-----	Fine-silty, mixed, superactive, mesic Oxyaquic Hapludalfs
Sandover-----	Sandy over loamy, mixed, superactive, nonacid, mesic Aquic Udifluvents
Sarpy-----	Mixed, mesic Typic Udipsammants
Tanglenook-----	Fine, mixed, superactive, mesic Typic Argiaquolls
Vammeter-----	Fine, illitic, mesic Oxyaquic Eutrudepts
Weller-----	Fine, smectitic, mesic Aquertic Chromic Hapludalfs
Wilbur-----	Coarse-silty, mixed, superactive, mesic Fluvaquentic Eutrudepts
Winfield-----	Fine-silty, mixed, superactive, mesic Oxyaquic Hapludalfs
Winnegan-----	Fine, mixed, superactive, mesic Oxyaquic Hapludalfs
Wrengart-----	Fine-silty, mixed, active, mesic Fragic Oxyaquic Hapludalfs